

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-----------------|--------------------|------------------|---------|------------------|
| L1 | 297 | (564/223).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/04/03 15:34 |

FILE 'HOME' ENTERED AT 14:53:33 ON 03 APR 2005

=> file casreact

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CASREACT' ENTERED AT 14:53:44 ON 03 APR 2005

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

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FILE CONTENT:1840 - 3 Apr 2005 VOL 142 ISS 14

*
* CASREACT now has more than 8 million reactions *
*

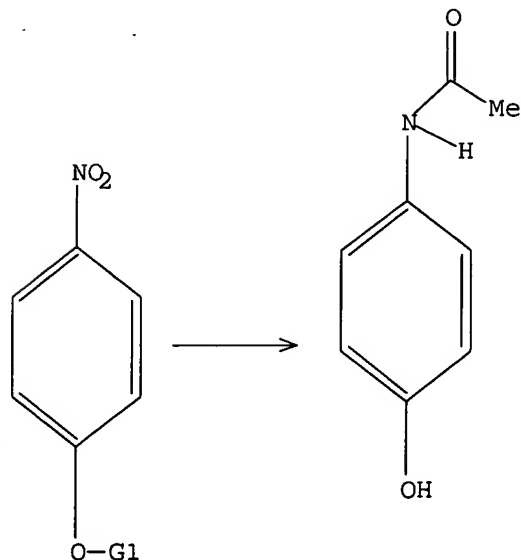
Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>
Uploading C:\Program Files\Stnexp\Queries\10666543.str

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



G1 H, Me, Et, n-Pr, n-Bu

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:54:08 FILE 'CASREACT'
SCREENING COMPLETE - 613 REACTIONS TO VERIFY FROM 73 DOCUMENTS

100.0% DONE 613 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 10776 TO 13744
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1 (0 REACTIONS)

=> s l1 ful

FULL SEARCH INITIATED 14:54:18 FILE 'CASREACT'
SCREENING COMPLETE - 9269 REACTIONS TO VERIFY FROM 1051 DOCUMENTS

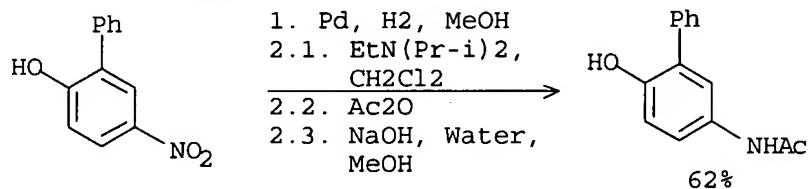
100.0% DONE 9269 VERIFIED 90 HIT RXNS 22 DOCS
SEARCH TIME: 00.00.04

L3 22 SEA SSS FUL L1 (90 REACTIONS)

=> d 13 1-22

L3 ANSWER 1 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

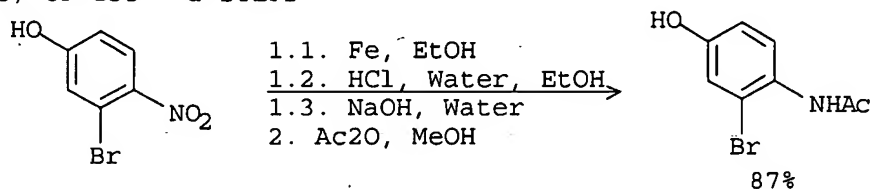
RX(13) OF 16 - 2 STEPS



REF: Journal of the American Chemical Society, 125(50), 15395-15401; 2003

L3 ANSWER 2 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

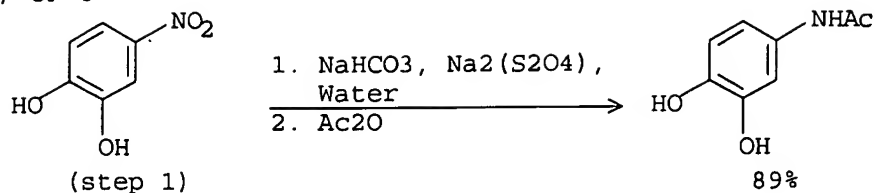
RX(43) OF 135 - 2 STEPS



REF: Organic Letters, 4(24), 4265-4268; 2002

L3 ANSWER 3 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

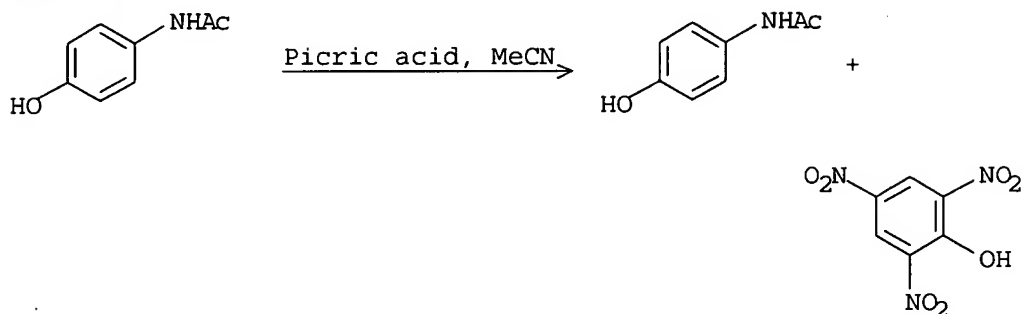
RX(3) OF 4



REF: Journal of Organic Chemistry, 67(17), 6143-6151; 2002

L3 ANSWER 4 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

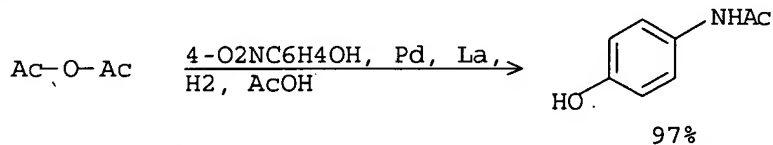
RX(1) OF 3



REF: Proceedings of the National Academy of Sciences, India, Section
A: Physical Sciences, 70(3), 225-232; 2000

L3 ANSWER 5 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

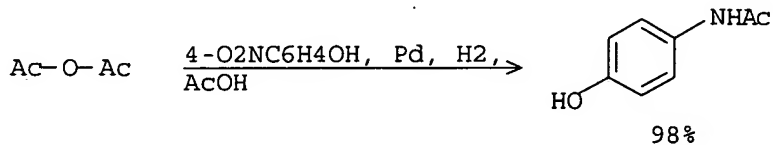
RX(1) OF 1



REF: Xiandai Huagong, 20(8), 37-39; 2000

L3 ANSWER 6 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

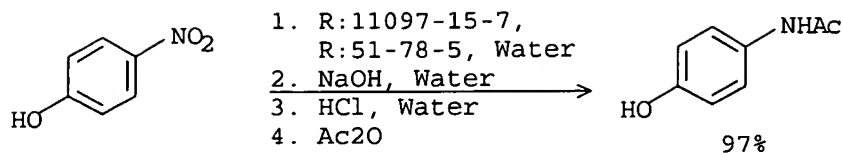
RX(1) OF 1



REF: Huaxue Shijie, 41(6), 321-323, 332; 2000

L3 ANSWER 7 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 1

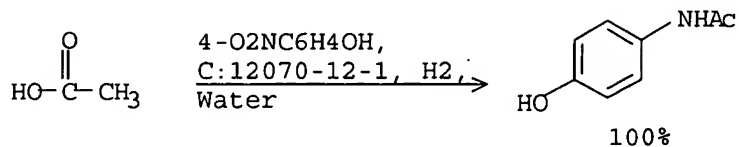


REF: Rom., 112279, 30 Jul 1997

NOTE: chemoselective

L3 ANSWER 8 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

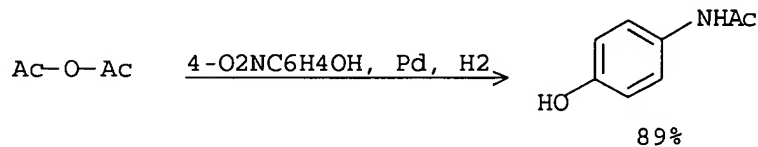
RX(10) OF 10



REF: Eur. Pat. Appl., 536070, 07 Apr 1993

L3 ANSWER 9 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

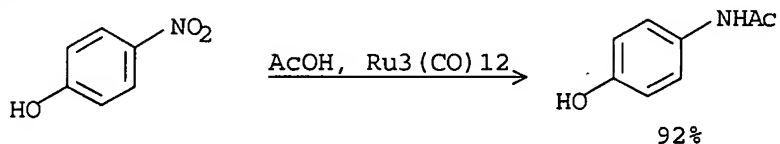
RX(1) OF 1



REF: Huaxue Shiji, 14(6), 383; 1992

L3 ANSWER 10 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

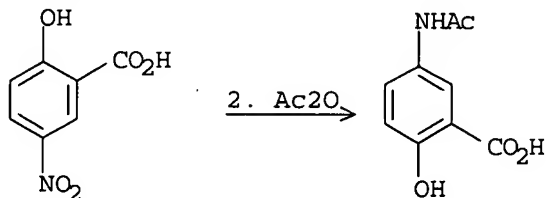
RX(2) OF 3



REF: Tetrahedron Letters, 32(37), 4917-20; 1991

L3 ANSWER 11 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

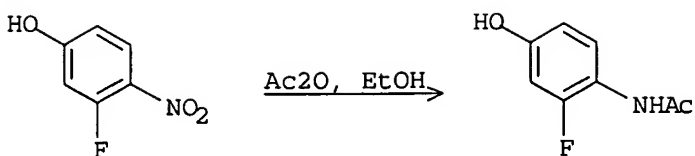
RX(12) OF 22 - 2 STEPS



REF: Magyar Kemiai Folyoirat, 97(4), 143-8; 1991

L3 ANSWER 12 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

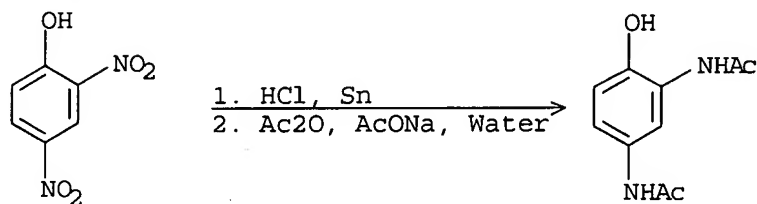
RX(1) OF 1



REF: Eur. Pat. Appl., 277748, 10 Aug 1988

L3 ANSWER 13 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

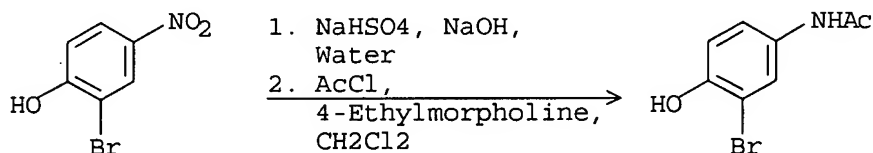
RX(48) OF 114 - 2 STEPS



REF: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999), (4), 851-7; 1987

L3 ANSWER 14 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

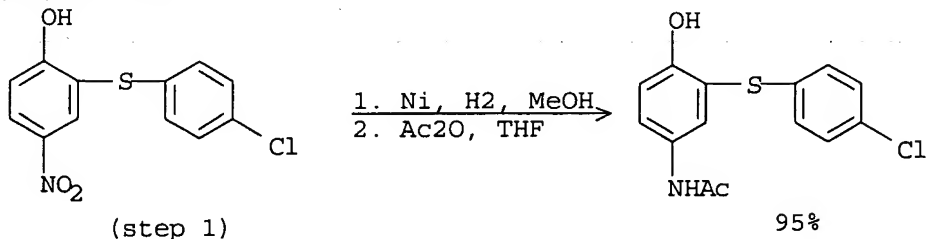
RX(14) OF 18 - 2 STEPS



REF: Journal of Organic Chemistry, 52(10), 2002-10; 1987

L3 ANSWER 15 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

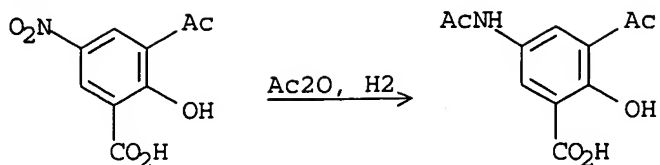
RX(15) OF 183



REF: Journal of Medicinal Chemistry, 30(5), 906-11; 1987

L3 ANSWER 16 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

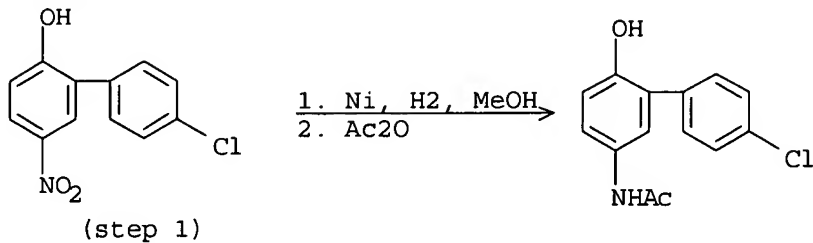
RX(121) OF 840



REF: Journal of Medicinal Chemistry, 29(4), 538-49; 1986

L3 ANSWER 17 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

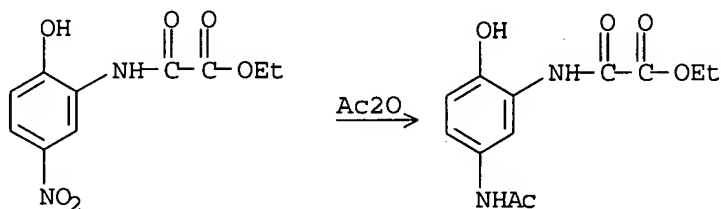
RX(40) OF 631



REF: Journal of Medicinal Chemistry, 29(6), 924-39; 1986

L3 ANSWER 18 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

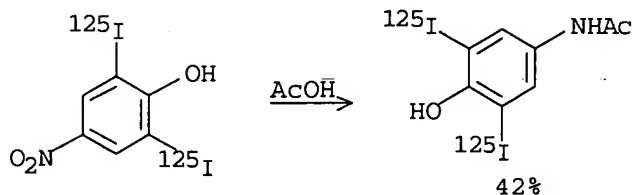
RX(1) OF 3



REF: Eur. Pat. Appl., 30436, 17 Jun 1981

L3 ANSWER 19 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

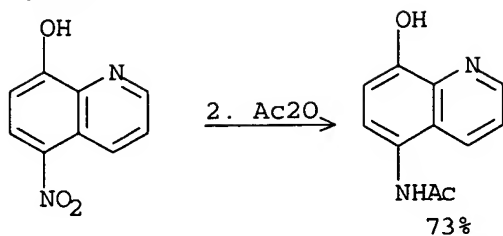
RX(3) OF 6



REF: Journal of Labelled Compounds and Radiopharmaceuticals, 16(6), 851-9; 1979

L3 ANSWER 20 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

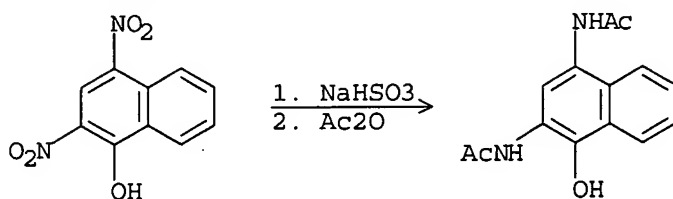
RX(17) OF 27 - 2 STEPS



REF: Godishnik na Visshiya Khimikotekhnologicheski Institut, Sofiya, 22(1), 129-39; 1977

L3 ANSWER 21 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

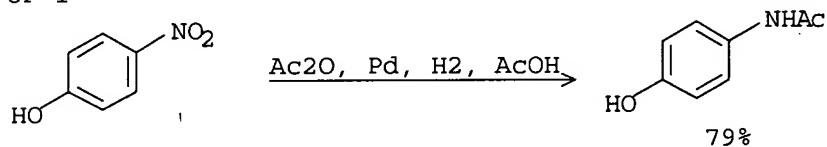
RX(14) OF 28 - 2 STEPS



REF: Ciencia e Cultura (Sao Paulo), 29(10), 1145-9; 1977

L3 ANSWER 22 OF 22 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 1



REF: Journal of Organic Chemistry, 27,, 1092-3; 1962

NOTE: Classification: Hydrogenolysiscatalysis; Chemoselective; N-Acylation; # Conditions: H₂/Pd-C; Ac₂O AcOH; 1h /p